REMARKS

Claims 1, 3, 4 and 6-14 are pending in this application. Claim 1 is the only independent claim.

By this amendment, claim 1 is further amended.

Reconsideration in view of the above amendments and following remarks is respectfully solicited.

Applicants respectfully request entry of the present Amendment which is in further to the Amendment-After-Final filed on September 9, 2005.

The arguments as presented in the Amendment-After-Final are equally applicable herein, and are incorporated by reference.

In addition, applicant respectfully submits that the combination of Dotsubo and Miyamoto fails to teach or suggest the low-pass-filter process as set forth in the claimed invention.

The Examiner alleges that Dotsubo discloses executing a low-pass-filter process in Fig. 8: S31-S33 and col. 8, lines 55-60. (see final Office Action, page 3). Applicants respectfully disagree with this allegation.

In the present invention, the Low Pass Filter (LPF) process is executed for the original image wherein a target pixel is set in a certain line of the original image and regarding this target pixel and adjacent pixels thereof, a brightness level of each pixel is multiplied by a prescribed coefficient, for example. The multiplied

brightness levels are summed up to obtain a new brightness level of the target pixel. Furthermore, the low-pass-filter process is executed under conditions that the tap number is "5" and the coefficients k1 to k5 are "0.2". When the brightness level of the target pixel is represented by d(i) and the brightness levels of the adjacent four pixels are respectively represented by d(i+1), d(i+2), d(i-1) and d(i-2), the brightness level D of the target pixel after the low-pass-filter process is obtained from the following formula.

$$D = k1 \cdot d(i) + k2 \cdot d(i+1) + K3 \cdot d(i+2) + k4 \cdot d(i-1) + k5 \cdot (i-2)$$

(see present specification, pages 11-12).

The Examiner concedes that Dotsubo fails to disclose that each pixel is multiplied by a predetermined coefficient. (see final Office Action, page 3). However, in an attempt to show this feature, the Examiner imports the new reference Miyamoto.

Specifically, the Examiner alleges that Miyamoto discloses each pixel being multiplied by a predetermined coefficient and summed up in col. 5, lines 1-6. (see final Office Action, page 3). Applicants again respectfully disagree with this allegation.

However, Miyamoto fails to disclose a low-pass-filter process as set forth in the present invention.

In other words, as argued previously, Miyamoto merely discloses performing weighting calculations using selected coefficients wherein the pixel interpolation operation is performed

on the image data by weighting pixels to be used for the pixel-interpolation operation, in accordance with the distance between a pixel to be interpolated and each of the to-be-weighted pixels. (see Miyamoto, Abstract). However, Miyamoto fails to execute a low-pass-filter process under the conditions as set forth in the present invention.

Applicants respectfully submit that not only does the cited references fail to teach or suggest each and every feature as set forth in the claimed invention, but that one of ordinary skill in the art would not have been motivated to modify/combine the teachings of Dotsubo with Miyamoto to arrive at the claimed invention because there is no teaching or suggestion in Dotsubo or Miyamoto regarding how or why one would modify such a method to arrive at the claimed invention.

Accordingly, withdrawal of the rejection of claims 1-14 under 35 U.S.C. §103(a) is respectfully requested.

Conclusion

In view of the foregoing, Applicants respectfully submit that the application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable to place this application in better condition for allowance, the Examiner is invited to contact Carolyn T.
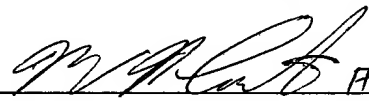
Baumgardner (Reg. No. 41,345) at (703) 205-8000 **to schedule a Personal Interview**.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment from or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §1.16 or under 37 C.F.R. §1.17; particularly, the extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By _____

Michael K. Mutter, #29,680
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Rd
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

MKM/CTB/mpe
1259-0217P